

CLAIMS

1. A composition containing a substance being capable of supplying aldehyde-like substances, which further comprises a low-molecular weight active substance the stability of which is impaired by the effects of aldehydes, and a stabilizer having an amine structure and being capable of absorbing aldehydes.

2. The composition according to claim 1, wherein the stabilizer is an aminosugar or a polymer thereof, an aminosugar alcohol or a polymer thereof, an amino acid or a polymer thereof, a protein or a hydrolysate thereof, an alkylamine, a hydroxyalkylamine, or a salt thereof.

3. The composition according to claim 2, wherein the stabilizer is chitin, chitosan, chitooligosaccharide, meglumine, alanine, arginine, lysine, hydroxylysine, gelatin or a hydrolysate thereof, collagen or a hydrolysate thereof, albumin or a hydrolysate thereof, casein or a hydrolysate thereof, protamine or a hydrolysate thereof, diethylamine, hexylamine, tris(hydroxymethyl)aminomethane, or a salt thereof.

4. The composition according to claim 3, wherein the stabilizer is meglumine, L-arginine, gelatin, or a salt thereof.

5. The composition according to any one of claims 1-4, which is a pharmaceutical composition containing a low-molecular weight active substance and a stabilizer both in the form of a solid powder.

6. The composition according to claim 5, which is a pharmaceutical composition of solid form or semisolid form.

7. The composition according to claim 6, which is the solid or semisolid pharmaceutical composition selected from powders, fine granules, granules, tablets, capsules, powdery injections, dry powder inhales, ointments, and adhesive preparations.

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8. The composition according to claim 1, which is prepared by uniformly mixing a low-molecular weight active substance and a stabilizer.

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9. The composition according to claim 1, which is prepared by previously granulating one of a low-molecular weight active substance and a stabilizer together with a substance being capable of supplying aldehyde-like substances, followed by uniformly mixing the resultant with the other.

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10. The composition according to claim 9, which is prepared by previously granulating a stabilizer together with a substance being capable of supplying aldehyde-like substances, followed by uniformly mixing the resultant with a low-molecular weight active substance so that the contact between the substance being capable of supplying aldehyde-like substances and the low-molecular weight active substance is prevented or lessened.

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11. A pharmaceutical composition, which comprises a mass containing a low-molecular weight active substance the stability of which is impaired by the effects of aldehydes, and a mass containing a stabilizer having an amine structure and being capable of absorbing aldehydes, and at least one of these masses contains a substance being capable of supplying aldehyde-like substances.

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12. The composition according to claim 11, wherein both of the mass containing a low-molecular weight active substance and the mass

containing a stabilizer are in the form of a granule.

13. The composition according to claim 11, wherein both of the mass containing a low-molecular weight active substance and the mass containing a stabilizer are in the form of a fine granule.

14. The composition according to claim 11, which is in the form of a capsule prepared by filling granules and/or fine granules containing a low-molecular weight active substance, and granules and/or fine granules containing a stabilizer into capsules.

15. The composition according to claim 11, which is in the form of a tablet prepared by tableting granules and/or fine granules containing a low-molecular weight active substance, and granules and/or fine granules containing a stabilizer.

16. A method of stabilizing a low-molecular weight active substance the stability of which is impaired by the effects of aldehydes in a composition containing a substance supplying aldehyde-like substances, which comprises adding a stabilizer having an amine structure and being capable of absorbing aldehydes when mixing said low-molecular weight active substance the stability of which is impaired by the effects of aldehydes.

17. The stabilization method according to claim 16, which comprises uniformly mixing a substance supplying aldehyde-like substances, a low-molecular weight active substance the stability of which is impaired by the effects of aldehydes and a stabilizer having an amine structure and being capable of absorbing an aldehyde.

18. The stabilization method according to claim 16, which comprises

previously granulating one of a low-molecular weight active substance the stability of which is impaired by the effects of aldehydes and a stabilizer having an amine structure and being capable of absorbing aldehydes together with a substance supplying aldehyde-like substances, followed by mixing the resultant with the other.

19. The stabilization method according to claim 18, which comprises previously granulating a stabilizer having an amine structure and being capable of absorbing aldehydes together with a substance supplying aldehyde-like substances, followed by mixing the resultant with a low-molecular weight active substance the stability of which is impaired by the effects of aldehydes.

20. The stabilization method according to claim 16, which comprises preparing a mass containing a low-molecular weight active substance the stability of which is impaired by the effects of aldehydes and a mass containing a stabilizer having an amine structure and being capable of absorbing aldehydes separately, during which a substance supplying aldehyde-like substances is contained in one or both of these masses, followed by combining and mixing these two masses.